

Abstract to DE 1 555 382

Hydropneumatic suspension for vehicles of variable payload, having a pneumatic suspension body being connected to a hydraulic actuator cylinder via a coupling fluid, said actuator cylinder being coupled to the running gear of the vehicle, characterized in that in the connecting path between suspension body (6) and actuator cylinder (2) the parallel connection of a check valve (5) closing on flowing back of the coupling fluid and a throttle valve (9) having a variable throttling cross section is activated, said throttle valve being controlled from the pressure chamber (1) of the actuator cylinder (2) via a branch ductwork (10) being interconnected with an auxiliary throttle (11) so that its throttling cross section decreases on increasing static pressure in the working cavity of the actuator cylinder.